

DOE OFFICE OF INDIAN ENERGY

Office of Indian Energy Policy and Programs Overview

Briefing to Senate Indian Affairs Committee Staff

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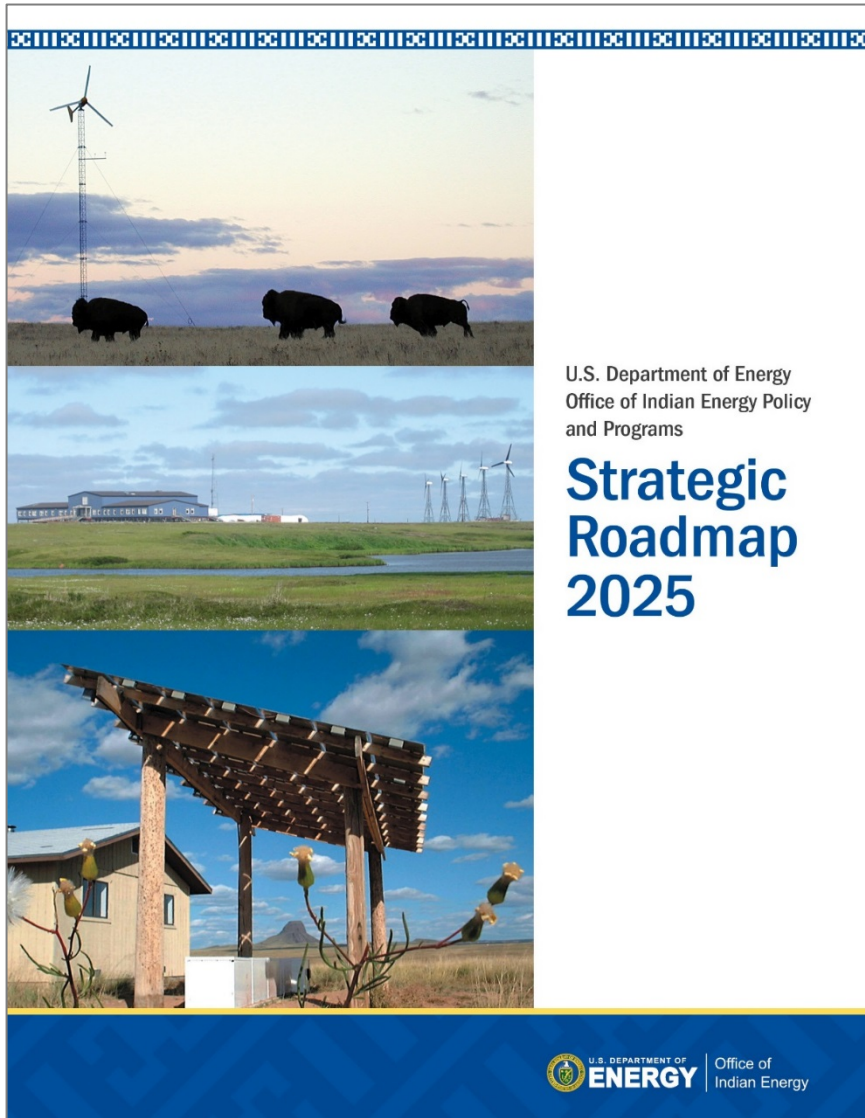
U.S. DEPARTMENT OF
ENERGY

Office of
Indian Energy

■ America First Energy Plan

- Lower costs
- Cut harmful regulations (Indian Trader, Secretarial authority to waive)
- Develop U.S. energy resources—all of the above
- Be cost competitive in all energy sectors
- Start exporting
- Achieve energy dominance as a national security imperative

<https://www.whitehouse.gov/america-first-energy>



1

Promote Energy Development

2

Reduce or Stabilize Energy Costs

3

Enhance Energy and Economic Infrastructure

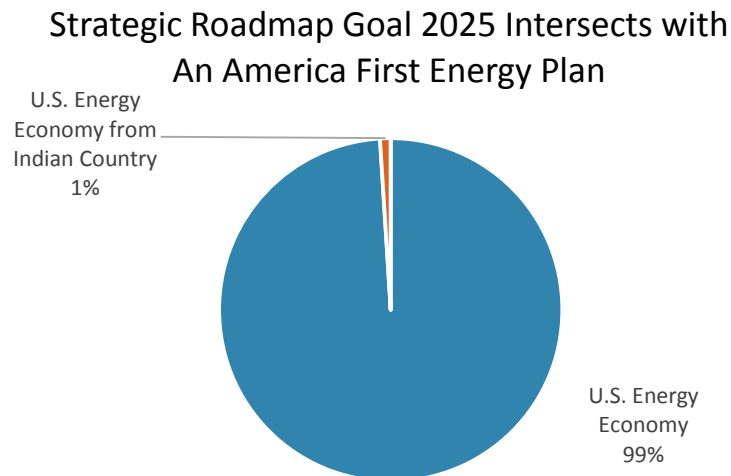
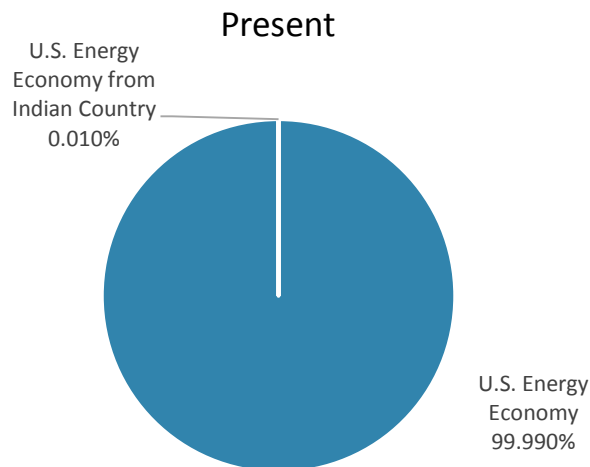
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Foster Electrification

5

Support DOE Initiatives

Advancing Prosperity and Sovereignty via Energy



2017: Where We Are

- While American Indian land comprises approximately 2% of the total U.S. land base, it represents an estimated 5% of the total U.S. renewable energy generation potential:
 - Utility-scale rural solar PV resource is about 14 billion MWh, or 5.1% of the total U.S. technical potential
 - Wind resource is about 1.1 MWh, or about 3.5% of the total U.S. technical potential
 - Hydropower resource is about 7 million MWh, or about 2.9% of the total U.S. technical potential
- Indian reservations contain almost 30% of the coal reserves west of the Mississippi, 50% of potential uranium reserves, and 20% of known oil and gas reserves

2025: Target Opportunity Areas

- Increase electrification to 100% and product of electrification and reliability to 1.0
- Indian Country supplies 1% of U.S. energy
- Develop fossil energy systems
- Support new hydro generation and pumped storage
- Implement Tribal Energy Loan Guarantee Program
- Promote tribal/private partnerships increasing access to capital, project finance, infrastructure development, and royalty sharing under appropriate social licensing
- Facilitate national tribal energy strategy through the growing intertribal network
- Establish STEM, workforce development pipeline, and build human capital in energy sector in Indian Country

How IE Executes Its Mission

- Develop and align policy with DOE and White House
- Foster tribal/industry partnerships for finance and development of energy projects
- Develop and implement (1) technical assistance, (2) education and capacity building, and (3) outreach programs that support energy development, deployment, and efficiency projects on Indian lands

IE's Instruments/Tools

- Policy Development
- Partnerships and Facilitation
- Technical Assistance
- Educational Programs
- Financial Assistance (Grants, Loans)

Office of Indian Energy

IE Supports the America First Energy Plan While Fulfilling EPACT 2005

1. Indian Country Energy Development Mission Prioritized

- A. IE staff will facilitate industrial-tribal partnerships, leverage power of intertribal orgs, and expand inter-departmental collaborations to develop vast untapped fossil and renewable energy resources in Indian Country
- B. IE staff will encourage appropriate consultation, negotiation, social licensing, and messaging to comply with letter and spirit of EOs, DOD Directives, and best practices

2. Arctic Integration/Security Implications of Alaska Re-Established as Core Mission Area of IE

3. New Staff Added to Develop Policy, Oversee IE Administration, and Execute IE Mission

- A. FTEs previously vacant or vacated to be staffed with a Deputy Director, Senior Policy Advisor, Policy Analyst/Education Advisor, and Engineer/Financial Administrator; even so, IE remains very “lean”
- B. Detailee(s) to be added to ensure mission execution, especially in areas of Policy and Education

Office of Indian Energy FY18 vs. FY17 Budgets

IE Supports the America First Energy Plan While Fulfilling EPACT 2005 (cont.)

4. Tribal Energy Grants Continue

- A. 70+ clean/renewable energy grants from previous year FOAs will be administered through selection, negotiation, and deployment stages

5. Tribal Energy Loan Guarantee Administered by IE if Delegated by S1

- A. \$9 million loan guarantee will be made available to facilitate any lawful purpose within scope of IE mission

6. Technical Assistance Program

- A. Executed by leveraging intertribal and other provider networks
- B. Creativity and policy decisions required because TA requests are increasing, especially in Lower 48

7. Educational/Capacity Building Programs

- A. Partnerships with universities, tribal colleges, other institutions will develop tribal energy human capital as force multipliers: “train the trainer”
- B. Expertise in finance, strategy, and technical aspects of energy planning, development, and use will be developed in Indian Country to address needs of STEM and workforce development

Office of Indian Energy Budget

			Dollars Rounded in Thousands				
			2015 Enacted	2016 Enacted	2017 Enacted	2018 Request	2018 vs. 2017
Office of Indian Energy Policy and Programs							
	Technical Assistance		4,052	3,767	5,650	3,958	-30.0%
	Tribal Energy Grant Program		4,985	8,192	7,600	3,150	-58.6%
	Intertribal Energy Program		5,724	1,267	-	-	
	Program Direction						
	Salaries and Benefits		704	1,391	1,325	1,732	+30.7%
	Travel		160	221	300	150	-50.0%
	Support Services		165	480	450	350	-22.0%
	Other Related Expenses		210	682	675	660	-2.0%
	Total, Program Direction		1,239	2,774	2,750	2,892	+11.0%
	Total, Office of Indian Energy Policy and Programs		16,000	16,000	16,000	10,000	-37.5%
FTEs			7 [4]	9 [6]	9 [6]	9	

Questions?